

MEMORANDUM

TO: Vermont Mental Health Performance Indicator Project
Advisory Group and Interested Parties

FROM: John Pandiani
Lucille Schacht
Bill Bagdon

DATE: May 7, 1999

RE: A Second Look at Movement from Children's Services into Adult Services

The report on movement of children into adult services that was published on April 16 generated a number of interesting questions. We were able to provide answers to two of these questions using data that is currently available. A copy of the original April 16 table and copies of results of our two additional analyses are enclosed.

The first question asked us to narrow the focus of our analysis. In the original analysis, we looked at all children regardless of the intensity of services received. One reader's observation led us to test the hypothesis that young people who received few services would be less likely to move into adult services (because their problems had been transitory) than young people who had received more services (because their problems were more severe and enduring). This hypothesis was tested by repeating the original analysis for two groups: children who had received 8 or less services, and children who had received more than eight services.

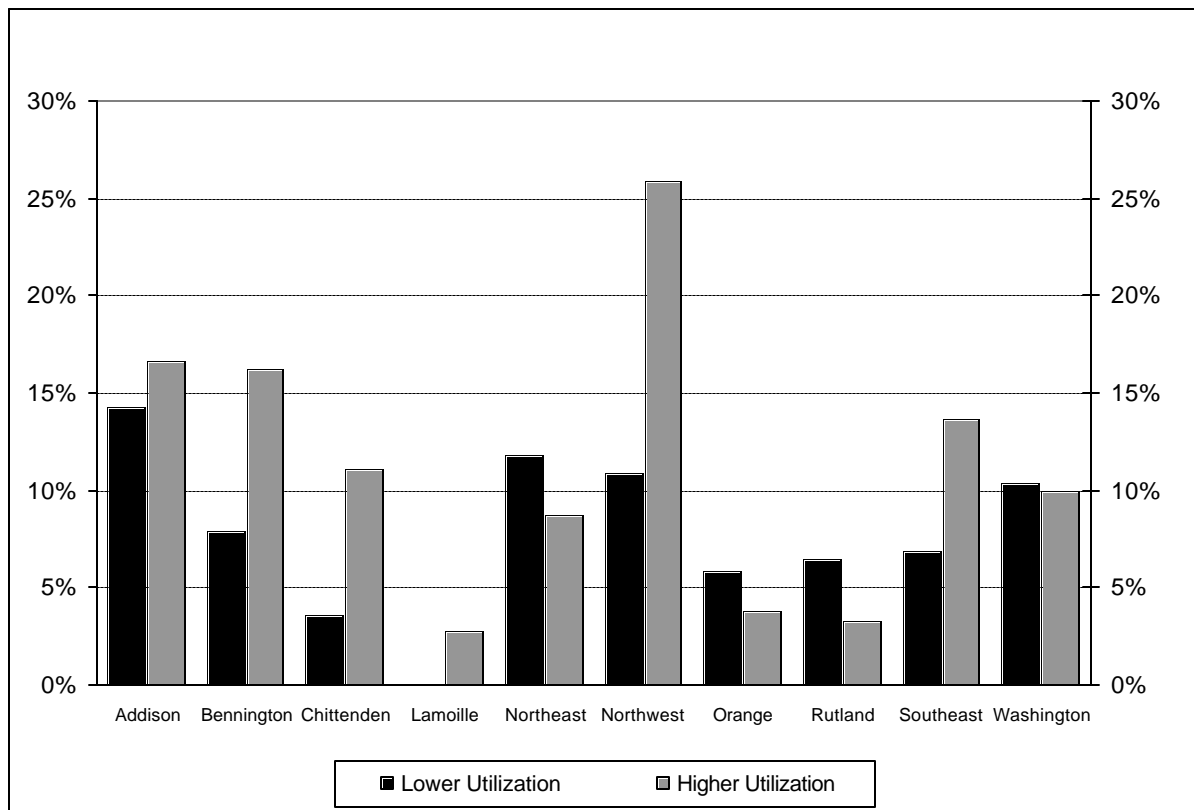
When the state is considered as a whole, people who had received more services when they were children were about one-third more likely to move into adult services than young people who had received fewer services. This pattern was not universal, however. At four CMHC's (Bennington, Chittenden, Northwest, and Southeast), people who had received more services when they were children were substantially more likely to receive adult services. At the other six CMHCs, the differences were small or in the opposite direction.

The second question asked us to broaden the scope of our analysis. In the original analysis we looked at movement into adult services within the same provider organization. How much more movement would we find if we included movement into adult services at any CMHC in the state? One of the attached pages presents data relevant to this question. Because Vermont's CMHCs do not share unique person identifiers, Probabilistic Population Estimation was used to measure the amount of movement into adult programs statewide. The difference between the original within clinic estimate and the new statewide estimate is the amount of movement of children into adult programs at other CMHCs.

The results of this analysis indicate that this broadened focus uncovered significantly more movement into adult programs from three CMHCs (Chittenden, Lamoille, and Northwest). At the other seven CMHCs, broadening the focus of the analysis did not significantly increase the number of young people who transitioned into adult services.

We have found the results of this analysis to be fascinating. We look forward to your interpretation of the results, and to any suggestions for continued analysis that you may have. Please call (802-241-2638) or e-mail to jpandiani@ddmhs.state.vt.us.

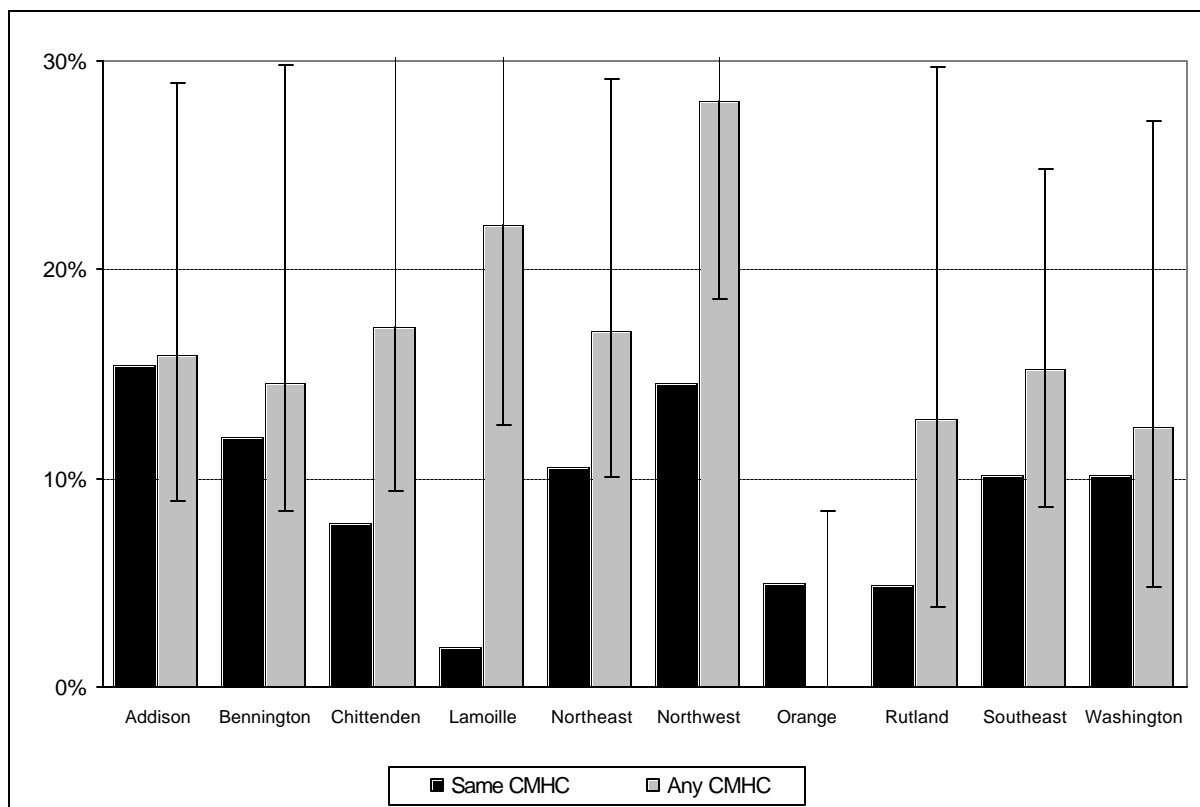
CLIENTS AGED 15 - 17 SERVED BY CHILDREN'S SERVICES IN FY1992 RECEIVING ADULT MENTAL HEALTH SERVICES IN FY1998



Region/Provider	Lower Utilization (less than or equal to 8 units)			Higher Utilization (greater than 8 units)		
	15-17 Year Olds Served During '92	Also Served by Adult Programs During '98		15-17 Year Olds Served During '92	Also Served by Adult Programs During '98	
	#	#	%	#	#	%
Addison - CSAC	49	7	14%	48	8	17%
Bennington - UCS	38	3	8%	37	6	16%
Chittenden - HCHS	28	1	4%	36	4	11%
Lamoille - LCMHS	17	0	0%	36	1	3%
Northeast - NEK	68	8	12%	46	4	9%
Northwest - NCSS	83	9	11%	27	7	26%
Orange - CMC	34	2	6%	26	1	4%
Rutland - RACS	31	2	6%	30	1	3%
Southeast - HCRSSV	101	7	7%	95	13	14%
Washington - WCMHS	29	3	10%	50	5	10%
Total	478	42	9%	431	50	12%

Adult Mental Health Services include: Community Rehabilitation and Treatment, Adult Outpatient, Substance Abuse, and Emergency Services provided by Vermont's community mental health centers.

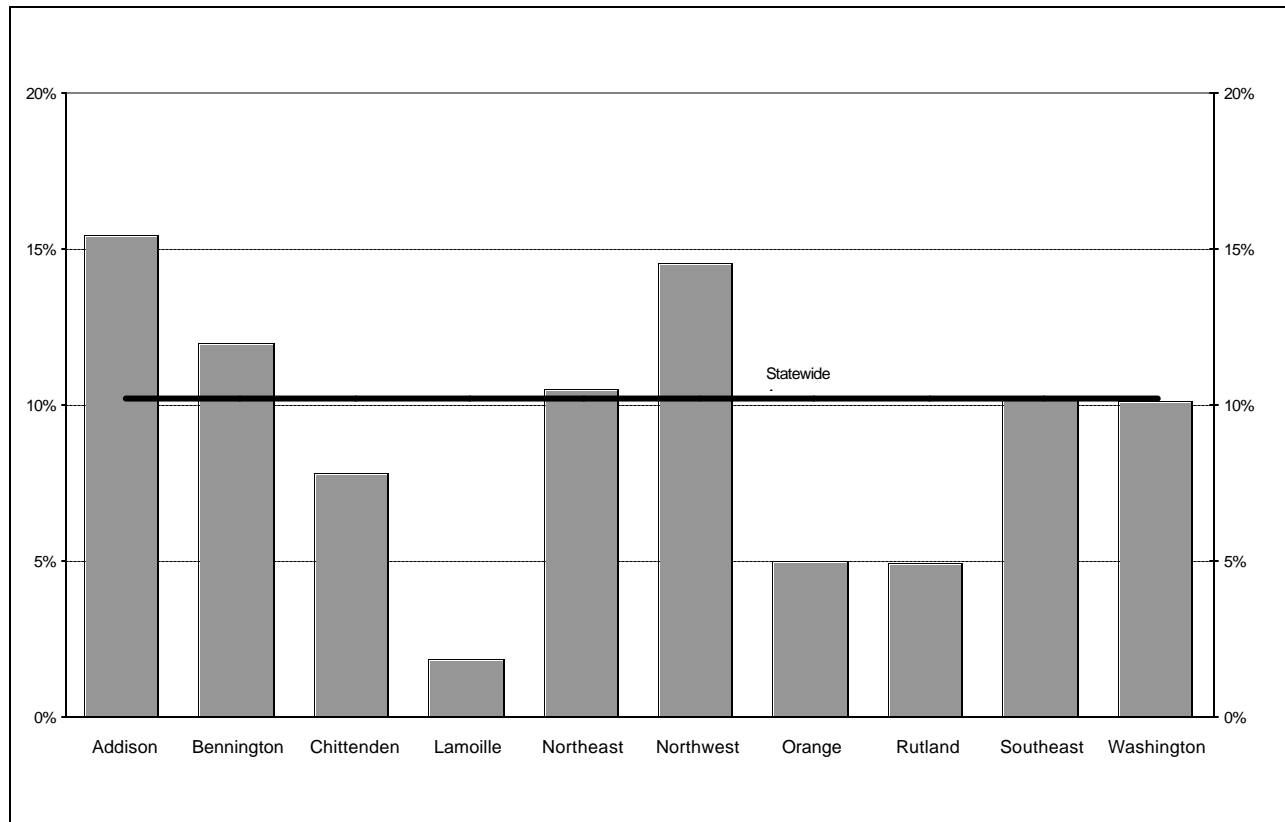
CLIENTS AGED 15-17 SERVED BY CHILDREN'S SERVICES IN FY1992 RECEIVING ADULT MENTAL HEALTH SERVICES IN FY1998



Region /Provider	15-17 Year Olds Served During 1992	Also Served by Adult Programs During 1998				
		Same CMHC		Any CMHC		
		#	%	#	%	(95% CI)
Addison - CSAC	97	15	15%	15	16%	(9% - 29%)
Bennington - UCS	75	9	12%	11	15%	(8% - 30%)
Chittenden - HCHS	64	5	8%	11	17%	(9% - 33%)
Lamoille - LCMH	53	1	2%	12	22%	(13% - 39%)
Northeast - NEK	114	12	11%	19	17%	(10% - 29%)
Northwest - NCSS	110	16	15%	31	28%	(19% - 40%)
Orange - CMC	60	3	5%	0	0%	(0% - 8%)
Rutland - RACS	61	3	5%	8	13%	(4% - 30%)
Southeast - HCRSSV	196	20	10%	30	15%	(9% - 25%)
Washington - WCMH	79	8	10%	10	12%	(5% - 27%)
Total	909	92	10%	141	15%	

Adult Mental Health Services include: Community Rehabilitation and Treatment, Adult Outpatient, Substance Abuse, and Emergency Services provided by Vermont's community mental health center. The State of Vermont does not have a unique client identifier across providers. For this reason, Probabilistic Population Estimation was used to provide counts of clients receiving services from any community mental health center.

CLIENTS AGED 15 - 17 SERVED BY CHILDREN'S SERVICES IN FY1992 RECEIVING ADULT MENTAL HEALTH SERVICES IN FY1998



Region/Provider	15 - 17 Year Olds Served During 1992	Also Served by Adult Programs During 1998	
	#	#	%
Addison - CSAC	97	15	15%
Bennington - UCS	75	9	12%
Chittenden - HCHS	64	5	8%
Lamoille - LCMHS	53	1	2%
Northeast - NEK	114	12	11%
Northwest - NCSS	110	16	15%
Orange - CMC	60	3	5%
Rutland - RACS	61	3	5%
Southeast - HCRSSV	196	20	10%
Washington - WCMHS	79	8	10%
Total	909	92	10%

Adult Mental Health Services include: Community Rehabilitation and Treatment, Adult Outpatient, Substance Abuse, and Emergency Services provided by Vermont's community mental health centers.